

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET
NO. 0290112SERIAL NO.
08/077,243APPLICANT
Jessup et al.FILING DATE
June 14, 1993GROUP
1109

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

HM	O	CRC Project No. CM-125-78, "Performance Evaluation of Alcohol-Gasoline Blends in 1980 Model Automobiles," July 1982, page C-13.
HM	P	SAE Paper No. 710136, "The Effect of Gasoline Volatility on Emissions and Driveability," by P. J.
HM	Q	SAE Paper No. 710364, "Effects of Fuel Factors on Emissions," by S. S. Sorem, 1971.
	R	SAE Paper No. 730616, "Gasolines for Low-Emission Vehicles, by J. C. Ellis, 1973.
HM	S	*SAE Paper No. 740694, "Fuels and Emissions -- Update and Outlook, 1974." by R. W. Hurn et al., 1974.
HM	T	SAE Paper No. 750419, "Methanol-Gasoline Blends Performance in Laboratory Tests and in Vehicles," by A. W. Crowley et al., 1975.
HM	U	SAE Paper No. 780653, "The Hot-Fuel Handling Performance of European and Japanese Cars," by B. D. Caddock et al., 1978.
HM	V	SAE Paper No. 852132, "Gasoline Vapor Pressure Reduction--an Option for Cleaner Air," by R. F. Stebar et al., 1985.
HM	W	BERC/RI-76/15, "Experimental Results Using Methanol and Methanol/Gasoline Blends as Automotive Engine Fuel," by J. R. Allsup, Published by Bartlesville Energy Research Center, Energy Research and Development Administration, Bartlesville, Oklahoma January 1977, pages 1-7.
HM	X	"Reformulated Gasoline for Clean Air, An ARCO Assessment" by K. L. Boekhaus et al., for "Roads to Alternative Transportation Fuels" 2nd Biennial U.C. Davis Conference on Alternative Fuels, July 12, 1990.
HM	Y	"The Impact on Fuels of the 1990 Clean Air Act Amendments," by C. A. Lieder, presented at the NPR National Fuels and Lubricants Meeting, Nov. 1-2, 1990, Houston, Texas.
HM	Z	"Motor Fuels, Performance and Testing," William A. Gruse, Reinhold Publishing Corp., 1967, page 104.

Examiner:

Homyer

Date Considered

4-4-94

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	R		SAE Paper No. 780611, "Fuel Volatility Effects on Driveability of Vehicles Equipped with Current
			and Advanced Fuel Management Systems," by C. R. Morgan et al., 1978.
	S		SAE Paper No. 780651, "Hot Weather Volatility Requirements of European Passenger Cars," by R. F.
			Becker et al., 1978.
	T		SAE Paper No. 780949, "The Effects of Refinery Gasoline Components on Road Octane Quality,"
			by R. E. Burtner et al., International Fuels & Lubricants Meeting, Royal York, Toronto, Nov. 13-16, 1978.
	U		SAE Paper No. 801352, "Evaluation of MTBE Gasoline by Japanese Passenger Cars," by Shintaro
			Miyawaki et al., 1980.
	V		SAE Paper No. 841386, "Hot and Cold Fuel Volatility Indexes of French Cars: A Cooperative Study
			of the GFC Volatility Group," by Le Breton et al., 1984.
	W		SAE Paper No. 902132, "Use of Ethyl-t-Butyl Ether (ETBE) as a Gasoline Blending Component," C. M.
			Shiblom et al., 1990.
	X		NIPER--143-PPS-86/1, "Motor Gasolines, Summer 1985," by C. L. Dickson et al., Work performed by
			the American Petroleum Institute and the U. S. Department of Energy, National Institute for
			Petroleum and Energy Research, Bartlesville, Oklahoma, June 1986.
	Y		"Petroleum Refinery Engineering," by W. L. Nelson, Fourth Edition, McGraw Hill Book Company, Inc.,
			1958, pages 34 and 138.
	Z		"Future Automotive Fuels," by Ellis, Automotive Engineering, June 1972, pp. 36-41
	RR		
	SS		
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U. S. PATENT DOCUMENTS															
*Exam Initial		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	Filing Date	
	AA	2	2	0	4	2	1	5	06/11/40	Greensfelder et al.	44	9			
	AB														
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	AL													YES	NO
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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)															
dm	AR		CRC Project No. CM-79-71, "Analysis of 1971 Road Rating Data: Unleaded Gasolines in 1971 Cars,												
		w	Phase II: 1970-71 CRC Road Rating Program," Coordinating Research Council, Inc., June, 1973.												
dm	AS		CRC Report No. 454, "Effect of Altitude Changes on Octane Number Requirement of Late Model Cars,"												
		w	October, 1973.												
Am 14	AT		CRC Report No. 455, "Evaluation of a High Temperature Driveability Test Procedure," June 1973,												
		w	pages 1-3, 8-10, 39, & 40.												
Examiner: <i>Melane Myers</i>		Date Considered <i>July 20, 1994</i>													
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HM	AR		CRC Project No. CM-79-71, "Analysis of 1971 Road Rating Data: Unleaded Gasolines in 1971 Cars, Phase II: 1970-71 CRC Road Rating Program," Coordinating Research Council, Inc., June, 1973.
HM	AS		CRC Report No. 454, "Effect of Altitude Changes on Octane Number Requirement of Late Model Cars," October, 1973.
HM	AT		CRC Report No. 455, "Evaluation of a High Temperature Driveability Test Procedure," June 1973, pages 1-3, 8-10, 39, & 40.

Examiner:

H. Myer

Date Considered

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ABSTRACTS OF OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)			
<i>hm</i>	R		Publication No. 01-234497, LEAD-FREE HIGH OCTANE VALUE GASOLINE, Laid Open Sept. 19, 1989, Japanese Application No. 63-59587 filed 03/14/88.
<i>hm</i>	S		Publication No. 01-131299, FUEL COMPOSITION FOR USE IN GASOLINE ENGINE, Laid Open May 24, 1989, Japanese Application No. 63-247245 filed 09/29/88.
<i>hm</i>	T		Publication No. 01-9293, CLEAR GASOLINE, Laid Open Jan. 12, 1989, Japanese Application No. 62-162966 filed 06/30/87.
<i>hm</i>	U		Publication No. 63-317593, UNLEADED REGULAR GASOLINE, Laid Open Dec. 26, 1988, Japanese Application No. 62-154189 filed 06/20/87.
<i>hm</i>	V		Publication No. 63-317592, PRODUCTION OF HIGH-POWERED FUEL OIL, Laid Open Dec. 26, 1988, Japanese Application No. 62-153837 filed 06/19/87.
<i>hm</i>	W		Publication No. 63-317591, HIGH-POWERED FUEL OIL, Laid Open Dec. 26, 1988, Japanese Application No. 62-153836 filed 06/19/87.
<i>hm</i>	X		Publication No. 63-317590, UNLEADED AND HIGH-OCTANE GASOLINE, Laid Open Dec. 26, 1988, Japanese Application No. 62-153026 filed 06/19/87.
<i>hm</i>	Y		Publication No. 63-289094, LEAD-FREE, HIGH-OCTANE GASOLINE, Laid Open Nov. 25, 1988, Japanese Application No. 62-123129 filed 05/20/87.
<i>hm</i>	Z		Publication No. 61-176694, GASOLINE COMPOSITION, Laid Open Aug. 8, 1986, Japanese Application No. 60-17120 filed 01/31/85.
<i>hm</i>	RR		Publication No. 61-166884, FUEL COMPOSITION FOR GASOLINE ENGINE, Laid Open Jul. 28, 1986, Japanese Application No. 61-14308 filed 01/24/86.
<i>hm</i>	SS		Publication No. 61-16985, MANUFACTURE OF UNLEADED GASOLINE OF HIGH OCTANE VALUE, Laid Open Jan. 24, 1986, Japanese Application No. 59-137525 filed 07/3/84.
Examiner: <i>Harvey Meyer</i> Date Considered <i>4-4-91</i>			
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AM	R		Publication No. 61-16984, MANUFACTURE OF GASOLINE MAINLY FROM HYDROCARBON OF BOILING POINT LOWER THAN 220°C. SUCH AS PETROLEUM NAPHTHA OR NAPHTHA-CRACKED GASOLINE, Laid Open Jan. 24, 1986, Japanese Application No. 59-138668 filed 07/04/84.
HM	S		Publication No. 60-130684, FUEL COMPOSITION, Laid Open Jul. 12, 1985, Japanese Application No. 58-237881 filed 12/19/83.
HM	T		Fuel and Energy Abstracts, May 1990, Oil Gas J., May 1989, 87 (20), 35-40.
HM	U		Fuel and Energy Abstracts, May 1990, Pure Appl. Chem., 1989, 61, (8), 1373-1378.
HM	V		Fuel and Energy Abstracts, March 1990, Oil Gas J., April 1989, 87, (16) 44-48.
HM	W		Fuel and Energy Abstracts, September, 1989, Chem. Aust., 1989, 56, (3), 77-79.
HM	X		Fuel and Energy Abstracts, September, 1989, Erdoel, Erdgas, Kohle, 1988, 104, (9), 368-371. (In German)
H	Y		Fuel and Energy Abstracts, March, 1989, Erdoel Kohle, Erdas, Petrochem., Dec. 1988, 41, (12), 491, 496.
	Z		
	RR		
	SS		
Examiner: <u>H. Myer</u> Date Considered: <u>4-4-94</u>			
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thm	AR	Publication No. 05-179263, GASOLINE, Laid Open July 20, 1993, Japanese Application No. 03-358562 filed 12/27/91.									
thm	AS	Publication No. 03-263493, LEAD-FREE HIGH-OCTANE GASOLINE, Laid Open Nov. 22, 1991, Japanese Application No. 02-63537 filed 03/14/90.									
thm	AT	Publication No. 03-229796, FUEL OIL COMPOSITION, Laid Open Oct. 11, 1991, Japanese Application No. 02-24005 filed 02/02/90.									
Examiner: <i>Hmyen</i>		Date Considered <i>4-4-94</i>									
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JH	R	CRC Report No. 477, "1973 CRC Fuel Rating Program Part I: Road Octane Performance in 1973 Model Cars, February 1975.
HM	S	CRC Report No. 494, "1975 CRC Fuel Rating Program: Road Octane Performance in 1975 Model Cars, October 1977.
HM	T	CRC Report No. 510, "1978 Fuel Rating Program: Road Octane Performance in 1978 Model Cars, August 1979, pages 1-3, 17, & 18.
HM	U	CRC Report No. 578, "Effect of Volatility and Oxygenates on Driveability at Intermediate Ambient Temperatures," March 1992.
HM	V	"Initial Findings of the 1989 CRC Cold-Start and Warm-Up Driveability Program," Yakima, Washington, CRC Project No. CM-118-89, June 1990, with cover letter dated June 13, 1990, by Beth Evans, Technical Project Coordinator to the Members of the CRC-Automotive Committee and the CRC-Volatility Group, June 13, 1990.
JH	W	SAE Paper No. 710138, "Passenger Car Driveability in Cool Weather," by J. D. Benson et al., 1971.
JH	X	SAE Paper No. 720700, "Mathematical Expressions Relating Evaporative Emissions from Motor Vehicles Without Evaporative Loss-Control Devices to Gasoline Volatility," by W. F. Biller et al., 1972.
HM	Y	SAE Paper No. 720932, "The Effect of Gasoline Volatility on Exhaust Emissions," by P. J. Clarke, 1972.
HM	Z	SAE Paper No. 720933, "Driveability Testing on a Chassis Dynamometer," by R. J. Wahrenbrock et al., 1972.
JH	RR	SAE Paper No. 730474, "An Evaluation of the Performance and Emissions of a CRF Engine Equipped with a Prechamber," by D. B. Wimmer et al., 1973.
JH	SS	SAE Paper No. 730593, "Fuel Effects on Oxidation Catalysts and Catalyst-Equipped Vehicles," by A. H. Neal et al., 1973.










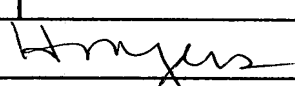
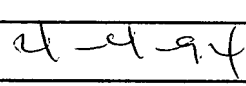
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	Y		"Petroleum Refinery Engineering," by W. L. Nelson, Fourth Edition, McGraw Hill Book Company, Inc., 1958, pages 34 and 138.
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